1 # DISPLAY ANNOTATION AND LAYOUT PROCESSING

2 ## ABSTRACT

3 The present invention provides improvement of operations
4 providing annotation and layout for an HTML page file. In an
5 example embodiment, a page acquisition module obtains page
6 files from a web server, and an HTML file analysis module
7 extracts tags and characteristic values related to the
8 layout. A page group detection module employs layout tags
9 and their characteristic values to group page files that have
10 the same or a similar layout. When an annotation addition
11 module adds an annotation to an arbitrary page file in the
12 obtained layout group, the annotation is applied for another
13 page file in the layout group. When the layout group is
14 divided or layout groups are unified, a correction module for
15 the function of distance calculation corrects a calculation
16 expression for a distance between pages or layout groups in
17 order to reflect the division or unification results obtained
18 by the user.

19 [Selected Drawing] Fig. 1